

Title (en)

PROCESS FOR METALLIZING PLASTIC SURFACES

Title (de)

VERFAHREN ZUR METALLISIERUNG VON KUNSTSTOFFOBERFLÄCHEN

Title (fr)

PROCÉDÉ DE MÉTALLISATION DE SURFACES EN PLASTIQUE

Publication

EP 3329036 A1 20180606 (EN)

Application

EP 16742269 A 20160721

Priority

- EP 15179095 A 20150730
- EP 2016067368 W 20160721

Abstract (en)

[origin: WO2017016965A1] The invention relates to a process for coating plastic surfaces with metals, especially plastic surfaces composed of acrylonitrile/butadiene/styrene copolymers (ABS) and composed of mixtures of these copolymers with other plastics (ABS blends), using an etch solution (composition C) comprising at least one ionic liquid IL, wherein the process comprises the treating of the plastic surface after the etching with an aqueous rinse solution RS while applying ultrasound.

IPC 8 full level

C23C 18/20 (2006.01); **C23C 18/26** (2006.01); **C23C 18/30** (2006.01)

CPC (source: EP KR US)

C23C 18/1641 (2013.01 - KR US); **C23C 18/1651** (2013.01 - US); **C23C 18/2006** (2013.01 - KR); **C23C 18/2026** (2013.01 - EP US); **C23C 18/2073** (2013.01 - EP KR US); **C23C 18/2086** (2013.01 - US); **C23C 18/26** (2013.01 - EP KR US); **C23C 18/30** (2013.01 - EP KR US); **C23C 18/31** (2013.01 - KR); **C23C 18/34** (2013.01 - US); **C23C 18/40** (2013.01 - US)

Citation (search report)

See references of WO 2017016965A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017016965 A1 20170202; CN 107923043 A 20180417; EP 3329036 A1 20180606; JP 2018523016 A 20180816; KR 20180034611 A 20180404; US 2018202048 A1 20180719

DOCDB simple family (application)

EP 2016067368 W 20160721; CN 201680044410 A 20160721; EP 16742269 A 20160721; JP 2018504724 A 20160721; KR 20187005822 A 20160721; US 201615748251 A 20160721